Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Wednesday 12 Jan 2022 until 23:59 on Thursday 13 Jan 2022

Forecast Issued on Tuesday 11 Jan 2022 at 11:15

Confidence: High for a lot of dry weather over the next few days as high pressure builds north over the United Kingdom. Lower confidence for low cloud details.

Headline for Wednesday 12 Jan 2022: Dry and bright, but some hill fog possible. Windy on the tops..

Mountain weather hazards on Wednesday 12 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG					FOG
Fog	Fog	Fog	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Fog
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Wednesday 12 Jan 2022

Weather: Dry with clear spells overnight but some low cloud will develop, mainly across western fells. A dry day with sunny or clear spells but some low cloud may linger, mainly over southern and western fells. The cloud will become move extensive again in the evening. Windy on the tops, especially during the afternoon and evening.

Chance of cloud free mountain/hill tops above 800m: 30% at first, becoming 70% with best chance in the north and east. Becoming 30% again through the evening.

Visibility: Areas of low cloud and fog will have developed overnight above 300m, clearing from most fells through the morning but patches may linger over most southern and western fells, then developing more widely again in the evening. Very good away from any low cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 12 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	18/22 SW	21/25 SW	22/26 SW	20/25 SW	25/34 SW	27/36 SW	28/37 SW	27/36 SW	27/37 SW
600	13/17 SW	14/19 SW	15/20 SW	15/20 SW	15/22 W	16/23 SW	15/21 SW	16/23 SW	16/22 SW
300	3/15 SW	5/16 SW	5/17 SW	6/18 W	7/18 W	6/19 W	6/18 W	6/18 SW	6/18 SW
Valley	3/10 SW	4/13 SW	4/12 SW	4/13 W	5/14 W	5/14 W	6/16 W	6/16 W	7/17 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-5	1/-5	1/-5	2/-4	3/-3	2/-4	1/-5	1/-5	0/-6
600	2/-2	2/-2	2/-2	3/-2	4/-0	4/-1	2/-2	2/-3	2/-3
300	4/2	4/2	4/2	4/2	6/4	6/4	4/2	4/2	4/1
Valley	6/4	6/4	6/5	6/5	8/6	7/6	6/4	6/4	6/4
Freezing Level*	1100m	1200m	1200m	1400m	1800m	1800m	1300m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold on the tops, especially in the wind and up in the low cloud. Gusts of 40mph on high ridges and summits above 800m through afternoon and evening.

Forecast for Thursday 13 Jan 2022

Weather: Patchy low cloud overnight and to start the day, mainly over southern and western fells. Most of the cloud will lift to leave a dry day with bright or sunny spells. Patchy mist of fog developing again in the evening. Feeling cold on the tops.

Maximum wind: Southwesterly 25mph gusts 35mph, easing to 15mph in the afternoon.

Chance of cloud free mountain/hill tops above 800m: 30% at first, improving to 80% during the morning.

Visibility: Areas of low cloud overnight and to start the day above 300m, mainly over southern and western fells. This will lift then mostly very good visibility. Patchy fog developing again in the evening.

Temperature: **Valleys:** Plus 3 Celsius rising to 7 or 8 Celsius.
At 800m: Plus 1 or 2 Celsius.
Freezing level: Around 900m.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Tuesday 11 January 2022. Location: Helvellyn summit at 11:55. Full report: The ground conditions are very mixed on the Lakeland Fells. Large areas of both fellside and paths are free from snow and, indeed, were actually dry right up to and including summit level. Conversely there is also a lot of ice and patches of hard snow – especially this morning following the overnight frost at altitude. The snow can be found above 600m in sheltered spots and hollows and on east and north facing aspects with the majority being above 750m. Below 850m the snowpack was slowly softening during the day, becoming non weight bearing, apart from where it has been compressed on popular routes. Ice was frequently on paths where they cross drainage lines and on more level ground above 500m where water had not drained away and had frozen overnight. There are cornices over steep N and E facing slopes. Although small some had noticeable cracks with reports of one having collapsed, so please keep well away from such edges and advise those with less experience to do likewise. With the summit temperature returning to below freezing, and the windchill well below, full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment - including torch, map & compass - are all essential for anyone venturing out onto the high fells. Owing to the amount of ice and hard compressed snow on paths and rocks, walking poles and microspikes are recommended to stay upright. For those attempting, or traversing, exposed routes above the snowline crampons and an ice axe to arrest a slide are essential. Please do not be lulled into a false sense of security; for example the crest of Striding Edge today was largely bare dry rock with patches of ice. Its exit, though, is guarded by a bank of steep, deep hard snow. There are steps cut into it, but a slip here could have serious consequences. Climbers. There was certainly some ice and neve present today – especially in the morning; however please choose your route carefully and do not attempt climbs not in condition in order to avoid damage to fragile alpine plants. Temperature: minus 0.6 C, Maximum wind speed 21.4 mph, Wind chill: minus 8.8 C, Average wind speed: 17.3 mph.

Issued at: 1115 on Tue 11 Jan 2022

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